

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"5922591".pn.	US-PGPUB; USPAT	OR	ON	2006/03/29 23:47
L2	2790	385/14.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/29 23:48
L3	1553	385/92.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/29 23:48
L4	1401	385/12.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/29 23:48
L5	6673	"435"/"91.2".ccls.	US-PGPUB; USPAT	OR	ON	2006/03/29 23:49
L6	3990	"435"/"287.2".ccls.	US-PGPUB; USPAT	OR	ON	2006/03/29 23:49
L7	492	"435"/"287.2".ccls. and biochip	US-PGPUB; USPAT	OR	ON	2006/03/29 23:49
L8	222	"435"/"91.2".ccls. and biochip	US-PGPUB; USPAT	OR	ON	2006/03/29 23:50
L9	6	"422"/"82.11".ccls. and biochip	US-PGPUB; USPAT	OR	ON	2006/03/29 23:50
S1	27	(PCR polymerase) and heat\$5 with (tank chamber vessel reservoir) and ("electro-osmos"\$6 electroosmos\$6) and ("electro-osmos"\$6 electroosmos\$6) same microfluid\$6	US-PGPUB; USPAT	OR	ON	2006/03/29 17:54
S2	1	"7010391".pn. and (heat\$6 microheat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/29 22:05
S3	1	"20040062468"	US-PGPUB; USPAT	OR	ON	2006/03/29 17:46
S4	7857	(PCR polymerase) and (electrophores\$6 electroosmos\$6 microfluid\$6) and (clon\$5 with sampl\$6)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:55
S5	108	(PCR polymerase) and (electrophores\$6 electroosmos\$6 microfluid\$6) and (clon\$5 with sampl\$6) and heat\$5 with (tank chamber vessel reservoir)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:56
S6	51	(PCR polymerase) and (electrophores\$6 electroosmos\$6 microfluid\$6) and (clon\$5 with samples) and heat\$5 with (tank chamber vessel reservoir)	US-PGPUB; USPAT	OR	OFF	2006/03/29 19:42

## EAST Search History

S7	17	(PCR polymerase) and (electrophoresis electroosmosis microfluidics) and (cloning with samples) and heat with (tank chamber vessel reservoir) and samples with (tank chamber vessel reservoir)	US-PGPUB; USPAT	OR	ON	2006/03/29 18:14
S8	1	"20040005582"	US-PGPUB; USPAT	OR	ON	2006/03/29 18:59
S9	0	"20040005582" and sample with cloning	US-PGPUB; USPAT	OR	ON	2006/03/29 18:59
S10	0	"20040005582" and sample same cloning	US-PGPUB; USPAT	OR	ON	2006/03/29 19:05
S11	146	PCR with (clone cloning) and "422"/\$.ccs.	US-PGPUB; USPAT	OR	ON	2006/03/29 19:05
S12	1	"7010391".pn. and (heat with control same temperature with sensor)	US-PGPUB; USPAT	OR	ON	2006/03/29 19:31
S13	1	"7010391".pn. and (heat with control temperature sensor) same (heater) same (PCR polymerase sample)	US-PGPUB; USPAT	OR	ON	2006/03/29 19:58
S14	583	(PCR polymerase sample cloning) with temperature near2 (sensing detect) with (tank chamber vessel reservoir)	US-PGPUB; USPAT	OR	ON	2006/03/29 20:02
S15	115	(PCR polymerase sample cloning) with temperature near2 (sensing detect) with (tank chamber vessel reservoir) near2 (inside within)	US-PGPUB; USPAT	OR	ON	2006/03/29 20:04
S16	11	(PCR polymerase sample cloning) with temperature near2 (sensing detect) with (tank chamber vessel reservoir) near2 (inside within) and (PCR polymerase cloning)	US-PGPUB; USPAT	OR	ON	2006/03/29 20:05
S17	64	(PCR polymerase sample cloning) with temperature near2 (sensing detect) with (tank chamber vessel reservoir) and (PCR polymerase cloning)	US-PGPUB; USPAT	OR	ON	2006/03/29 20:15
S18	39	(PCR polymerase sample cloning) with temperature near2 (sensing detect) with (tank chamber vessel reservoir) and (PCR polymerase cloning) and (chip)	US-PGPUB; USPAT	OR	ON	2006/03/29 20:22

## EAST Search History

S19	1	"20040209354" and temperatur\$6 with sensor	US-PGPUB; USPAT	OR	ON	2006/03/29 20:23
S20	0	("2004/0197899").URPN.	USPAT	OR	OFF	2006/03/29 20:56
S21	1	"7010391".pn. and (IC controller)	US-PGPUB; USPAT	OR	ON	2006/03/29 22:36
S22	1	"7010391".pn. and (resist\$6 with temperatur\$6)	US-PGPUB; USPAT	OR	ON	2006/03/29 23:43

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"5498392".pn.	US-PGPUB; USPAT	OR	ON	2006/03/28 17:01
S2	1	"5587128".pn.	US-PGPUB; USPAT	OR	ON	2006/03/28 17:02
S3	1	"5587128".pn. and (chamber vessel tank) with \$6heater and (chamber vessel tank)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:02
S4	1	"5587128".pn. and (chamber vessel tank) with \$6heater	US-PGPUB; USPAT	OR	ON	2006/03/28 17:04
S5	0	"5498392".pn. and (chamber vessel tank) with \$6heater	US-PGPUB; USPAT	OR	ON	2006/03/28 17:04
S6	0	"5498392".pn. and \$6heater	US-PGPUB; USPAT	OR	ON	2006/03/28 17:04
S7	1	"5498392".pn. and heat\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 19:39
S8	295	("5498392").URPN.	USPAT	OR	OFF	2006/03/28 17:14
S9	86	cell with lysis with electr\$6	USPAT	OR	OFF	2006/03/28 17:16
S10	86	cell with lysis with (electr\$6 electron\$6 electric\$6)	USPAT	OR	OFF	2006/03/28 17:15
S11	223	cell with lysis with electr\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 17:17
S12	159	cell with lysis with electr\$6 and (chamber vessel tank)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:17
S13	46	cell with lysis with electr\$6 same (chamber vessel tank)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:18
S14	23	cell with lysis with electr\$6 same (chamber vessel tank) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:19
S15	24	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 20:26
S16	17	S15 not S14	US-PGPUB; USPAT	OR	ON	2006/03/28 17:21

## EAST Search History

S17	4	("5038853" "5919622" "6054263" "6180372").pn.	US-PGPUB; USPAT	OR	ON	2006/03/28 17:28
S18	4	("5038853" "5919622" "6054263" "6180372").pn. and (temperature therm\$6 heat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 17:28
S19	0	("2004/0062468").URPN.	USPAT	OR	OFF	2006/03/28 18:20
S20	0	"20030138941" and analyzer with "26"	US-PGPUB; USPAT	OR	ON	2006/03/28 18:20
S21	1	"20030138941" and analyzer same "26"	US-PGPUB; USPAT	OR	ON	2006/03/28 18:25
S22	1	"20030138941" and (\$6chip "100") same fiber	US-PGPUB; USPAT	OR	ON	2006/03/28 18:51
S23	43	Lee.in. with martin and GB	US-PGPUB; USPAT	OR	ON	2006/03/28 18:51
S24	15	Lee.in. with martin and GB and reaction adj1 vessel	US-PGPUB; USPAT	OR	ON	2006/03/28 18:51
S25	0	("6942771").URPN.	USPAT	OR	OFF	2006/03/28 19:16

## EAST Search History

S26	94	("4707352"   "4707440"   "4711955"   "4755458"   "4822746"   "4840893"   "4849513"   "4868103"   "4894325"   "4943523"   "4952685"   "4965188"   "4994373"   "5002885"   "5013831"   "5061336"   "5064618"   "5071531"   "5082830"   "5110745"   "5114864"   "5126022"   "5135627"   "5143853"   "5175269"   "5192507"   "5241060"   "5244636"   "5278043"   "5296375"   "5304487"   "5312527"   "5328824"   "5403451"   "5449767"   "5472881"   "5476928"   "5486335"   "5498392"   "5505321"   "5519635"   "5552270"   "5565552"   "5569364"   "5573906"   "5585069"   "5587128"   "5591578"   "5593838"   "5595908"   "5601982"   "5603351"   "5620850"   "5631337"   "5632876"   "5635358"   "5637469"   "5643738"   "5681484"   "5694932"   "5705348"   "5726026"   "5727548"   "5728532"   "5741462"   "5741700"   "5747169"   "5750015"   "5755942"   "5756050"   "5770029"   "5770369"   "5770721"   "5776672"   "5780234"   "5824473"   "5851772"   "5856174"   "5863502"   "5866345"   "5952172"   "6090933"   "6096273"   "6100045"   "6114122"   "6232062"   "6258593"   "6264825"   "6290839"   "6300141"   "6306584"   "6326211"   "6541617"   "6600026").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 19:17
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## EAST Search History

S27	23	("4707352"   "4707440"   "4711955"   "4755458"   "4822746"   "4840893"   "4849513"   "4868103"   "4894325"   "4943523"   "4952685"   "4965188"   "4994373"   "5002885"   "5013831"   "5061336"   "5064618"   "5071531"   "5082830"   "5110745"   "5114864"   "5126022"   "5135627"   "5143853"   "5175269"   "5192507"   "5241060"   "5244636"   "5278043"   "5296375"   "5304487"   "5312527"   "5328824"   "5403451"   "5449767"   "5472881"   "5476928"   "5486335"   "5498392"   "5505321"   "5519635"   "5552270"   "5565552"   "5569364"   "5573906"   "5585069"   "5587128"   "5591578"   "5593838"   "5595908"   "5601982"   "5603351"   "5620850"   "5631337"   "5632876"   "5635358"   "5637469"   "5643738"   "5681484"   "5694932"   "5705348"   "5726026"   "5727548"   "5728532"   "5741462"   "5741700"   "5747169"   "5750015"   "5755942"   "5756050"   "5770029"   "5770369"   "5770721"   "5776672"   "5780234"   "5824473"   "5851772"   "5856174"   "5863502"   "5866345"   "5952172"   "6090933"   "6096273"   "6100045"   "6114122"   "6232062"   "6258593"   "6264825"   "6290839"   "6300141"   "6306584"   "6326211"   "6541617"   "6600026").PN. and optic\$6 with fiber	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 19:18
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## EAST Search History

S28	5	("4707352"   "4707440"   "4711955"   "4755458"   "4822746"   "4840893"   "4849513"   "4868103"   "4894325"   "4943523"   "4952685"   "4965188"   "4994373"   "5002885"   "5013831"   "5061336"   "5064618"   "5071531"   "5082830"   "5110745"   "5114864"   "5126022"   "5135627"   "5143853"   "5175269"   "5192507"   "5241060"   "5244636"   "5278043"   "5296375"   "5304487"   "5312527"   "5328824"   "5403451"   "5449767"   "5472881"   "5476928"   "5486335"   "5498392"   "5505321"   "5519635"   "5552270"   "5565552"   "5569364"   "5573906"   "5585069"   "5587128"   "5591578"   "5593838"   "5595908"   "5601982"   "5603351"   "5620850"   "5631337"   "5632876"   "5635358"   "5637469"   "5643738"   "5681484"   "5694932"   "5705348"   "5726026"   "5727548"   "5728532"   "5741462"   "5741700"   "5747169"   "5750015"   "5755942"   "5756050"   "5770029"   "5770369"   "5770721"   "5776672"   "5780234"   "5824473"   "5851772"   "5856174"   "5863502"   "5866345"   "5952172"   "6090933"   "6096273"   "6100045"   "6114122"   "6232062"   "6258593"   "6264825"   "6290839"   "6300141"   "6306584"   "6326211"   "6541617"   "6600026").PN. and optic\$6 with fiber and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/28 19:18
S29	1	"5498392".pn. and detect\$6 with device	US-PGPUB; USPAT	OR	ON	2006/03/28 19:49



## EAST Search History

S30	1	"5498392".pn. and detect\$6 with (device region)	US-PGPUB; USPAT	OR	ON	2006/03/28 19:56
S31	1	"5498392".pn. and detect\$6 with (region)	US-PGPUB; USPAT	OR	ON	2006/03/28 20:15
S32	1	"5498392".pn. and detect\$6 with mesoscale	US-PGPUB; USPAT	OR	ON	2006/03/28 20:16
S33	295	("5498392").URPN.	USPAT	OR	OFF	2006/03/28 20:25
S34	7	S8 and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 22:14
S35	42417	(chamber vessel tank reservoir) with \$6heater and (chamber vessel tank reservoir)	US-PGPUB; USPAT	OR	ON	2006/03/28 20:45
S36	5	(PCR polymerase) with (chamber vessel tank reservoir) with \$6heater and (chamber vessel tank reservoir) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank reservoir) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 20:47
S37	24	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 20:49

## EAST Search History

S38	24	(PCR polymerase) with (chamber vessel tank reservoir) and (chamber vessel tank reservoir) with \$6heater and (chamber vessel tank reservoir) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank reservoir) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 20:51
S39	35	("5674742").URPN.	USPAT	OR	OFF	2006/03/28 20:50
S40	1	S39 and (chamber vessel tank reservoir) and (chamber vessel tank reservoir) with \$6heater and (chamber vessel tank reservoir) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank reservoir) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:06
S41	7	S39 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:07
S42	54	("5646039").URPN.	USPAT	OR	OFF	2006/03/28 21:06
S43	1	S42 and (chamber vessel tank reservoir) and (chamber vessel tank reservoir) with \$6heater and (chamber vessel tank reservoir) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank reservoir) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:12
S44	13	S42 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:13
S45	7	S44 not S41	US-PGPUB; USPAT	OR	ON	2006/03/28 21:13
S46	106	("5639423").URPN.	USPAT	OR	OFF	2006/03/28 21:12

## EAST Search History

S47	1	S46 and (chamber vessel tank reservoir) and (chamber vessel tank reservoir) with \$6heater and (chamber vessel tank reservoir) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank reservoir) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:29
S48	18	S46 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:20
S49	8	S48 not S44 not S41	US-PGPUB; USPAT	OR	ON	2006/03/28 21:13
S50	0	("6881541").URPN.	USPAT	OR	OFF	2006/03/28 21:15
S51	0	("6818185").URPN.	USPAT	OR	OFF	2006/03/28 21:15
S52	4	("6391541").URPN.	USPAT	OR	OFF	2006/03/28 21:17
S53	1	S52 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:18
S54	11	("5935522").URPN.	USPAT	OR	OFF	2006/03/28 21:19
S55	4	S54 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:31
S56	1	"6097485".pn. and (temperature therm\$6 heat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:31
S57	7	("6097485").URPN.	USPAT	OR	OFF	2006/03/28 21:31
S58	6	S57 and (temperature therm\$6 heat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 22:04
S59	3	S58 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 21:31
S60	7	S41 and (temperature therm\$6 heat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 22:04
S61	177	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 22:14
S62	1	"7010391".pn.	US-PGPUB; USPAT	OR	ON	2006/03/29 15:54
S63	0	"7010391".pn. and "Reaction/Detection1" with (PCR polymerase)	US-PGPUB; USPAT	OR	ON	2006/03/29 15:55

## EAST Search History

S64	0	"7010391".pn. and "Reaction/Detection"\$1 with (PCR polymerase)	US-PGPUB; USPAT	OR	ON	2006/03/29 15:55
S65	1	"7010391".pn. and (PCR polymerase)	US-PGPUB; USPAT	OR	ON	2006/03/29 16:18
S66	49198	(PCR polymerase) with clon\$4	US-PGPUB; USPAT	OR	ON	2006/03/29 16:03
S67	39879	(PCR polymerase) with (clone cloning)	US-PGPUB; USPAT	OR	ON	2006/03/29 16:03
S68	36202	PCR with (clone cloning)	US-PGPUB; USPAT	OR	ON	2006/03/29 16:05
S69	14729	PCR with (clone cloning) and "2002"	US-PGPUB; USPAT	OR	ON	2006/03/29 16:04
S70	1514	PCR with (clone cloning) and "2006"	US-PGPUB; USPAT	OR	ON	2006/03/29 16:04
S71	1	PCR with (clone cloning) and January with "2006"	US-PGPUB; USPAT	OR	ON	2006/03/29 16:04
S72	0	PCR with (clone cloning) and 700/266.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/29 16:05
S73	146	PCR with (clone cloning) and "422"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/29 16:05
S74	0	"7010391".pn. and sampl\$6 with valv\$6	US-PGPUB; USPAT	OR	ON	2006/03/29 16:18
S75	1	"7010391".pn. and sampl\$6 same valv\$6	US-PGPUB; USPAT	OR	ON	2006/03/29 16:21
S76	1	"7010391".pn. and sampl\$6 same valv\$6 and (reagent\$6 react\$6) same valv\$6	US-PGPUB; USPAT	OR	ON	2006/03/29 16:29
S77	0	"7010391".pn. and (temperature therm\$6 heat\$6) with insul\$6	US-PGPUB; USPAT	OR	ON	2006/03/29 16:29
S78	1	"7010391".pn. and (temperature therm\$6 heat\$6) same insul\$6	US-PGPUB; USPAT	OR	ON	2006/03/29 16:40
S79	1	"7010391".pn. and (temperature therm\$6 heat\$6 microheat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/29 16:41
S80	1	"7010391".pn. and (heat\$6 microheat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:03
S81	1	PCR same heater near3 insul\$6 same heater with (tank chamber vessel reservoir)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:07
S82	1	(PCR polymerase) same heater near3 insul\$6 same heater with (tank chamber vessel reservoir)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:08
S83	1	(PCR polymerase) same heater near3 insul\$6 and heater with (tank chamber vessel reservoir)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:08

## EAST Search History

S84	7	(PCR polymerase) same heat\$5 near3 insul\$6 and heat\$5 with (tank chamber vessel reservoir)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:21
S85	95	(PCR polymerase) and heat\$5 with (tank chamber vessel reservoir) and ("electro-osmos"\$6 electroosmos\$6)	US-PGPUB; USPAT	OR	ON	2006/03/29 17:23
S86	27	(PCR polymerase) and heat\$5 with (tank chamber vessel reservoir) and ("electro-osmos"\$6 electroosmos\$6) and ("electro-osmos"\$6 electroosmos\$6) same microfluid\$6	US-PGPUB; USPAT	OR	ON	2006/03/29 17:24

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2972	clon\$6 with sampl\$6 with DNA	US-PGPUB; USPAT	OR	ON	2006/03/25 13:41
S2	61	clon\$6 with sampl\$6 with DNA and biochip\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 08:39
S3	1	"20040005582" and ((reserv\$6 port\$5) with sampl\$6)	US-PGPUB; USPAT	OR	ON	2005/10/15 09:02
S4	1	biochip\$6 with (PT Cr) with electr\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:03
S5	0	biochip\$6 with (PT Cr) with electro\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:03
S6	1	biochip\$6 with (PT Cr) with electric\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:04
S7	2	biochip\$6 with (PT Cr chromium platinum) with electric\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:05
S8	2	biochip\$6 with (PT Cr chromium platinum) with electr\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:07
S9	1	biochip\$6 with (PT Cr chromium platinum) with resist\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:07
S10	1	biochip\$6 with ("PT/Cr" chromium platinum) with resist\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:07
S11	32	biochip\$6 and (PT Cr chromium platinum) with resist\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:07
S12	319	biochip\$6 and (PT Cr chromium platinum) with electr\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:22
S13	364	biochip\$6 and insulat\$6 with electr\$6	US-PGPUB; USPAT	OR	ON	2005/10/15 09:22
S14	326	"422"/"82.11".ccls.	US-PGPUB; USPAT	OR	ON	2006/01/26 10:49
S15	286	"422"/"82.11".ccls.	USPAT	OR	ON	2006/01/26 10:49
S16	1	"5922591".pn.	US-PGPUB; USPAT	OR	ON	2006/03/25 15:41
S17	0	"5922591".pn. and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2006/03/25 13:43
S18	98	"5922591".urpn.	US-PGPUB; USPAT	OR	ON	2006/03/25 13:43
S19	26	"5922591".urpn. and optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2006/03/25 14:24
S20	0	"5922591".urpn. and optic\$6 with fiber and "385"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/03/25 14:22
S21	1	"6994781".pn. and "152" same fiber	US-PGPUB; USPAT	OR	ON	2006/03/25 14:22

## EAST Search History

S22	26	"5922591".urpn. and (optic\$6 light\$6) with fiber	US-PGPUB; USPAT	OR	ON	2006/03/27 18:45
S23	25	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/25 15:00
S24	9	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) and heater	US-PGPUB; USPAT	OR	ON	2006/03/27 18:46
S25	9	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) and \$6heater	US-PGPUB; USPAT	OR	ON	2006/03/27 16:49
S26	1	"6960437".pn. and reaction with chamber	US-PGPUB; USPAT	OR	ON	2006/03/27 22:14
S27	1	"6960437".pn. and reaction with chamber with detection	US-PGPUB; USPAT	OR	ON	2006/03/25 15:50
S28	1	"20040062468"	US-PGPUB; USPAT	OR	ON	2006/03/27 20:08
S29	9	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) same (detect\$6 sens\$6) and heater	US-PGPUB; USPAT	OR	ON	2006/03/27 23:11
S30	9	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) with (detect\$6 sens\$6) and heater	US-PGPUB; USPAT	OR	ON	2006/03/27 18:51
S31	1	"20040062468" and (\$6reaction near2 tank)	US-PGPUB; USPAT	OR	ON	2006/03/28 14:53
S32	7	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) same (detect\$6 sens\$6) and heater and (CE capillary)	US-PGPUB; USPAT	OR	ON	2006/03/27 20:16
S33	8	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) same (detect\$6 sens\$6) and heater and (CE electrophor\$6)	US-PGPUB; USPAT	OR	ON	2006/03/27 20:18
S34	1	S33 not S32	US-PGPUB; USPAT	OR	ON	2006/03/27 20:16
S35	8	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) same (detect\$6 sens\$6) and heater and (CE electrophor\$6) and (PCR polymerase).	US-PGPUB; USPAT	OR	ON	2006/03/27 20:25

## EAST Search History

S36	17	("7010391" "6960437" "6881541" "6852287" "6818185" "6783736" "6572830" "6391541").urpn.	US-PGPUB; USPAT	OR	ON	2006/03/27 20:25
S37	2	("7010391" "6960437" "6881541" "6852287" "6818185" "6783736" "6572830" "6391541").urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) same (detect\$6 sens\$6) and heater and (CE electrophor\$6) and (PCR polymerase)	US-PGPUB; USPAT	OR	ON	2006/03/27 20:25
S38	0	"20040062468" and (\$6reaction near2 tank with inside)	US-PGPUB; USPAT	OR	ON	2006/03/27 20:28
S39	0	"20040062468" and (tank with inside)	US-PGPUB; USPAT	OR	ON	2006/03/27 20:28
S40	0	"20040062468" and (inside)	US-PGPUB; USPAT	OR	ON	2006/03/27 20:48
S41	0	"20040062468" and ("no" with insulat\$6)	US-PGPUB; USPAT	OR	ON	2006/03/27 20:58
S42	1	"20040062468" and (electric\$6 adj1 resist\$6)	US-PGPUB; USPAT	OR	ON	2006/03/27 20:58
S43	1	("6960437" "6057149" "6130098").pn. and fiber	US-PGPUB; USPAT	OR	ON	2006/03/27 22:15
S44	3	("6048734" "6057149" "6130098").pn.	US-PGPUB; USPAT	OR	ON	2006/03/27 22:16
S45	0	("6048734" "6057149" "6130098").pn. and fiber	US-PGPUB; USPAT	OR	ON	2006/03/27 22:16
S46	41	("6048734" "6057149" "6130098").urpn.	US-PGPUB; USPAT	OR	ON	2006/03/27 22:16
S47	12	("6048734" "6057149" "6130098").urpn. and fiber	US-PGPUB; USPAT	OR	ON	2006/03/27 22:40
S48	2	layer\$6 with ceramic\$6 with tape with optic\$6 with fiber	US-PGPUB; USPAT	OR	ON	2006/03/27 22:27
S49	0	("6733244").URPN.	USPAT	OR	OFF	2006/03/27 22:32
S50	0	"6615856".pn. and (duct\$6 same fiber)	US-PGPUB; USPAT	OR	ON	2006/03/27 22:32
S51	1	"6615856".pn. and (duct\$6)	US-PGPUB; USPAT	OR	ON	2006/03/27 22:32
S52	0	((("6048734" "6057149" "6130098").urpn. and fiber).urpn.	US-PGPUB; USPAT	OR	ON	2006/03/27 22:38
S53	11	("7010391" "6989237" "6911132" "6878755" "6852287" "6830936" "6818184" "6733244" "6615856" "6610499" "6551839" "6326211").urpn.	US-PGPUB; USPAT	OR	ON	2006/03/27 22:40



## EAST Search History

S54	12	("7010391" "6989237" "6911132" "6878755" "6852287" "6830936" "6818184" "6733244" "6615856" "6610499" "6551839" "6326211"). pn.	US-PGPUB; USPAT	OR	ON	2006/03/27 22:54
S55	11	S54 not S53	US-PGPUB; USPAT	OR	ON	2006/03/27 22:40
S56	11	S54 not S53 and fiber	US-PGPUB; USPAT	OR	ON	2006/03/27 22:41
S57	1	("6960437").pn. and (detection with region)	US-PGPUB; USPAT	OR	ON	2006/03/27 22:55
S58	1	("6960437").pn. and (detection with region) and first with plate and second with plate and top with plate	US-PGPUB; USPAT	OR	ON	2006/03/27 22:56
S59	8	"5922591".urpn. and (optic\$6 light\$6) with fiber and (temperat\$6 therm\$6 heat\$6) same (detect\$6 sens\$6) and heater and (PCR polymerase)	US-PGPUB; USPAT	OR	ON	2006/03/28 12:40
S60	185	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 12:56
S61	177	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:25
S62	1	"6818185".pn. and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 13:56
S63	1	"6818185".pn. and ((major with walls) (walls with chamber))	US-PGPUB; USPAT	OR	ON	2006/03/28 13:32
S64	1	"6818185".pn. and ("190"\$1 with "48")	US-PGPUB; USPAT	OR	ON	2006/03/28 13:32
S65	1	"20060027686" and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 13:59

## EAST Search History

S66	1	"20060019379" and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 14:02
S67	1	"20050272079" and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 14:06
S68	1	"20050272079" and (temperature therm\$6 heat\$6) with (integra\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 14:08
S69	1	"20050272079" and (substrat\$6) with (channel\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 14:10
S70	1	"20050272079" and (chamber vessel tank)	US-PGPUB; USPAT	OR	ON	2006/03/28 14:11
S71	0	"20050272079" and (chamber vessel tank) with electr\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 14:12
S72	0	"20050272079" and (chamber vessel tank) with volt\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 14:12
S73	0	"20050272079" and (chamber vessel tank) with current\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 14:12
S74	1	"20050272079" and (chamber vessel tank) same electr\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 14:12
S75	1	"20040062468" and (sampl\$6 with electr\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 14:54
S76	119	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank) with electr\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 15:27
S77	1	"20050250199" and (chamber vessel tank) with electr\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 15:19
S78	1	"5856174".pn. and (chamber vessel tank) with electr\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 15:23
S79	1	"5922591".pn. and (chamber vessel tank) with electr\$6	US-PGPUB; USPAT	OR	ON	2006/03/28 15:23

## EAST Search History

S80	24	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (chamber vessel tank) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:27
S81	1	"20050009101" and (chamber vessel tank) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:34
S82	1	"20050009101" and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 15:43
S83	1	"20050009101" and (temperature therm\$6 thermocoup\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:01
S84	177	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with \$6heater and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 thermocoup\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 15:43
S85	1	"20050009101" and (hybridiz\$6 with chamber)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:01
S86	340	(PCR polymerase) with (chamber vessel tank) and (chamber vessel tank) with (\$6heater \$6heating) and (chamber vessel tank) with (detect\$6 sens\$6 microdetect\$6 microsens\$6) and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:26
S87	163	S86 not S84	US-PGPUB; USPAT	OR	ON	2006/03/28 16:26
S88	9	S87 and (chamber vessel tank) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:28
S89	1	"20040241691" and (chamber vessel tank) with electr\$6 and ((optic\$6 light\$6) with fiber)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:35

## EAST Search History

S90	1	"20040241691" and (temperature therm\$6 heat\$6) with (detect\$6 sens\$6 microdetect\$6 microsens\$6)	US-PGPUB; USPAT	OR	ON	2006/03/28 16:35
S91	0	("2004/0053268").URPN.	USPAT	OR	OFF	2006/03/28 16:45
S92	2	("2002/0177135").URPN.	USPAT	OR	OFF	2006/03/28 16:52